

<b>World Name</b>	<b>Opportunity &amp; Needs</b>	<i>PE</i>	<i>GD</i>	<i>RL</i>	<i>TP</i>	<i>EC</i>	<b>Avg w/</b>	<b>Avg w/o</b>	<b>Cluster</b>
Environmentally Challenge	ATM	4	4	4	4	4	4	4	1
Grounded	Distributed Airspace Systems	2	4	4	4	3	3.4	3.25	1
Regional Tensions	Unseated Automated ATC	1	4	4	2	4	3	2.75	1
Pushing the Envelope	Efficient World Wide ATM	4	2	0	3	1	2	1.5	1
Grounded	Low cost to LEO	4	4	4	4	3	3.8	3.75	2
Regional Tensions	Quick, Cheap Non-Human Access to Space	4	4	4	3	3	3.6	3.5	2
Pushing the Envelope	World Wide Demand for Ready Access to Space	4	3	3	4	3	3.4	3.25	2
Environmentally Challenge	Mini Launchers	2	3	4	2	4	3	2.75	2
Trading Places	Complete Air Transportation System	4	3	4	4	4	3.8	3.75	3
Pushing the Envelope	Mass Investment in Aviation Infrastructure for the World	4	2	0	3	1	2	1.5	3
Trading Places	Increased Safety with System Improvement and Integration	4	3	4	4	3	3.6	3.5	4
Pushing the Envelope	Increased Safety and Security	4	4	3	3	2	3.2	3	4
Trading Places	Manufacturing Excellence Through Modeling and Simulation	4	4	4	4	2	3.6	3.5	5
Regional Tensions	Universal Factories	3	2	4	3	1	2.6	2.25	5
Pushing the Envelope	Tailored R&D services (consumer driven)	4	2	2	3	0	2.2	1.75	5
Pushing the Envelope	Extraordinarily High and Growing Demand for Air Cargo	4	4	3	3	3	3.4	3.25	6
Grounded	Special Cargo Aircraft	4	4	2	1	4	3	2.75	6
Trading Places	Reconfigurable Air Transport Products	4	0	4	4	2	2.8	2.5	6
Environmentally Challenge	Uninhabited Aircraft	4	1	4	1	4	2.8	2.5	7
Regional Tensions	UAV	3	1	4	0	4	2.4	2	7
Pushing the Envelope	Green Air Transportation Systems	4	2	1	4	4	3	2.75	8
Environmentally Challenge	Carbon Fuel Technology	3	2	4	2	4	3	2.75	8
Environmentally Challenge	Hydrogen Powered Aircraft	1	0	0	0	4	1	0.25	8
Grounded	Survival Aircraft Technology	2	4	4	0	4	2.8	2.5	9
Trading Places	Short Haul System	4	1	4	4	1	2.8	2.5	10
Regional Tensions	Short/Medium Haul Aircraft	0	2	4	3	1	2	1.5	10
Pushing the Envelope	Limited Military Global Responsibilities	4	4	1	4	2	3	2.75	11
Environmentally Challenge	Security Technology	2	4	4	0	4	2.8	2.5	12
Grounded	Security System Improvement	4	4	0	0	4	2.4	2	12
Trading Places	Long Haul High Capacity Sub/Supersonic Transportation Systems	3	2	2	4	1	2.4	2	13

Regional Tensions	Stealthy/Quiet Aircraft	1	2	4	1	4	2.4	2	14
Grounded	Special Operation Forces Aircraft	0	4	3	0	1	1.6	1	14
Grounded	Efficient Low Capacity, Long Range Aircraft	4	4	0	3	0	2.2	1.75	
Regional Tensions	Extremely Long Range SST	3	3	4	1	0	2.2	1.75	
Trading Places	Aircraft that Don't Need Airports	0	2	4	4	0	2	1.5	
Grounded	Advanced General Aviation	4	4	0	2	0	2	1.5	
Pushing the Envelope	Extraordinarily High Growth in Air Passenger Transportation System	4	0	1	3	0	1.6	1	
Pushing the Envelope	Long Term High Risk R&D	4	0	0	1	2	1.4	0.75	
Regional Tensions	Skill Training/Education	1	0	4	0	2	1.4	0.75	